

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/03912

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 F16D51/22 F16D65/44

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 F16D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 855 255 A (BOCK GUSTAVUS PEARL ET AL) 5 January 1999 (1999-01-05)  column 2, line 18 -column 3, line 35; figures 1,2	14, 16, 22-25, 31, 32
Y		15, 17-21, 26-28
A		1
Y	US 4 854 423 A (EVANS ANTHONY C ET AL) 8 August 1989 (1989-08-08) figure 7	15, 17-19, 26
Y	WO 94 11648 A (AUTOMOTIVE PRODUCTS PLC ;QUINEY KENNETH MAURICE (GB)) 26 May 1994 (1994-05-26) figures 1,2,9	20, 21
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

29 January 2004

Date of mailing of the international search report

05/02/2004

Name and mailing address of the ISA  
 European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Topolski, J

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 385 681 A (CONRAD WILLIBROD ET AL) 31 May 1983 (1983-05-31) abstract; figures 1,3-5	27
Y	US 4 375 251 A (BURKE JOHN P ET AL) 1 March 1983 (1983-03-01) figures 4,6,7	28
A	US 4 398 623 A (OSBORNE DUNCAN W) 16 August 1983 (1983-08-16) column 2, line 18 - line 45; figures 1-4	1
A	FR 2 727 732 A (ALLIEDSIGNAL EUROP SERVICES) 7 June 1996 (1996-06-07) the whole document	1
A	PATENT ABSTRACTS OF JAPAN vol. 007, no. 189 (M-237), 18 August 1983 (1983-08-18) & JP 58 091939 A (NISSAN JIDOSHA KK), 1 June 1983 (1983-06-01) abstract	26
A	US 5 590 744 A (BELMOND JEAN-MARC) 7 January 1997 (1997-01-07) column 6, line 26 - line 28	13,14
A	WO 92 21542 A (ALLIED SIGNAL INC) 10 December 1992 (1992-12-10) the whole document	14

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